

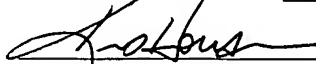
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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450; on 12/7/04



Attorney for Applicants

Date December 7, 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

JOSEPH C. ZUERCHER et al.

Entitled:

APPARATUS AND METHOD FOR REAL TIME
DETERMINATION OF ARC FAULT ENERGY,
LOCATION AND TYPE

Serial No. 10/627,016

Filed: July 25, 2003

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) Attorney Docket No.
) 02-mAE2-229
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) Group Art Unit 3696
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) Examiner W. Benson
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RESPONSE

600 Grant Street, 44th Floor
Pittsburgh, PA 15219
December 7, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated November 8, 2004, **Remarks** begin on page 2 of this paper.